

Clean Versions of Replacement Claims

Please amend claims 1-5 and 8-13 to conform to the following clean versions.

1. A method for exclusive caching in a computer system, comprising the steps of:

performing a read operation to obtain a set of information from a storage system in the computer system such that the information is not stored in a storage system cache in the storage system and is stored in a host cache in response to the read operation;

A1 performing a demote operation if the information is clean when evicted from the host cache such that the information is not stored in the host cache and is stored in the storage system cache in response to the demote operation.

2. The method of claim 1, wherein the step of performing a read operation comprises the step of evicting the information from the storage system cache if stored in the storage system cache.

3. The method of claim 1, wherein the step of performing a demote operation comprises the step of storing the information in any free area of the storage system cache.

4. The method of claim 1, wherein the step of performing a demote operation comprises the step of storing the information in a predetermined sub-area of the storage system cache.

5. The method of claim 1, wherein the step of performing a demote operation comprises the steps of:

performing an eviction from the storage system cache;
discarding the information if the eviction fails.

8. A computer system, comprising:

storage system having a storage media and a storage system cache;

host system having a host cache;

A2 means for exclusively caching a set of information obtained from the storage media such that the information is stored either in the host cache or the storage system cache but not both caches at the same time wherein the means for exclusively caching includes means for reading the information from the storage system such that the information is not stored in the storage system cache and is stored in the host cache and means for demoting the information if the information is clean when evicted from the host cache such that the information is not stored in the host cache and is stored in the storage system cache.

9. The computer system of claim 8, wherein the means for reading includes means for evicting the information from the storage system cache if stored in the storage system cache.

10. The computer system of claim 8, wherein the means for exclusively caching includes a bus in the computer system.

11. The computer system of claim 8, wherein the means for exclusively caching includes a network communication link in the computer system.

12. The computer system of claim 8, wherein the means for demoting includes means for storing the information in any free area of the storage system cache.

13. The computer system of claim 8, wherein the means for demoting includes means for performing an eviction from the storage system cache and discarding the information if the eviction fails.